

Applicant: Valentino Campagnolo
Application No.: 10/632,777

IN THE CLAIMS

Please amend the claims as follows.

1. (original) A handlebar mounted bicycle control system comprising:
a support body adapted for mounting on a bicycle handlebar and defining an interior space;
a brake lever supported for movement in the support body;
first and second electrical switches located in the support body;
a gear change mechanism in communication with the first and second electrical switches and being operatively associated with a bicycle derailleur, wherein the gear change mechanism increases a gear ratio when one of the first and second electrical switches is activated and decreases the gear ratio when another one of the first and second electrical switches is activated;
a lever mounted for rotation and positioned such that a portion thereof can be rotated into activating contact with the first electrical switch; and
a button disposed on the mount for activating the second electrical switch.
2. (original) The control system of claim 1, further comprising:
the brake lever rotatably connected to the mount for rotation through a path of motion; and
the lever rotates in a direction generally orthogonal to the path of motion to

Applicant: Valentino Campagnolo
Application No.: 10/632,777

bring the portion into activating contact with the first electrical switch.

3. (original) The control system of claim 1, wherein the first and second electrical switches are located on opposite sides of a plate disposed in the support body.

4. (original) The control system of claim 1, further comprising a third electrical switch disposed in the support body and in communication with a cycle computer.

5. (original) The control system of claim 3, further comprising a third electrical switch disposed on the plate and being in communication with a cycle computer.

6. (original) The control system of claim 1, further comprising:
the brake lever being pivotally attached to the support body about a pivot axis; and

the button being attached to the support body for movement about an axis that is generally orthogonal to the pivot axis.

Applicant: Valentino Campagnolo
Application No.: 10/632,777

7. (original) The control system of claim 1, wherein the control system comprises two support bodies attached to the handlebar, with each separated associated with a separate derailleur.

8. (original) The control system of claim 1, wherein the gear change mechanism is an electrical motor.

9. (original) The control system of claim 1, wherein the brake lever is rotatably attached to the support body about a pivot axis, the lever being pivotally mounted to the brake lever about an axis generally perpendicular to the pivot axis.

10. (original) The control system of claim 3, wherein the plate is positioned in the support body so that the opposite sides are generally perpendicular to a portion of the support body that is adapted to engage the handlebar.

11. (original) A control system for a bicycle having a handlebar, comprising:

a support body adapted for positioning on the handlebar and for supporting a brake lever;

Applicant: Valentino Campagnolo
Application No.: 10/632,777

a plate disposed in the support body and having first and second major surfaces;

a first electrical switch located on the first major surface;

a second electrical switch located on the second major surface;

a gear change mechanism in communication with the first and second electrical switches and being operatively associated with at least one of a front derailleur and a rear derailleur, wherein the gear change mechanism increases a gear ratio of the bicycle when one of the first and second electrical switches is activated and decreases the gear ratio when another one of the first and second electrical switches is activated;

a lever having a portion located within the support body and being rotatable such that the portion can be rotated into activating contact with the first electrical switch; and

a button disposed on the support body for activating the second electrical switch.

12. (original) The control system of claim 11, further comprising:

the brake lever rotatably connected to the support body for rotation through a path of motion; and

the lever rotates in a direction generally orthogonal to the path of motion.

Applicant: Valentino Campagnolo
Application No.: 10/632,777

13. (original) The control system of claim 11, further comprising a third electrical switch disposed on the plate and being in communication with a cycle computer.

14. (original) The control system of claim 11, further comprising:
the brake lever being pivotally attached to the support body about a pivot axis; and

the button being attached to the support body for movement about an axis that is generally orthogonal to the pivot axis.

15. (currently amended) A control system for a bicycle having a handlebar, comprising:

a mount adapted for positioning on the handlebar and for supporting a brake lever;

first and second electrical switches located in the mount;

a gear change mechanism in communication with the first and second electrical switches and being operatively associated with at least one of a front derailleur and a rear derailleur, wherein the gear change mechanism increases a gear ratio of the bicycle when one of the first and second electrical switches is

Applicant: Valentino Campagnolo
Application No.: 10/632,777

activated and decreases the gear ratio when another one of the first and second electrical switches is activated;

a first button disposed on the mount for activating the first electrical switch;
and

a second button disposed on the mount for activating the second electrical switch;

wherein the first and second electrical switches are located on a plate disposed in the mount;

wherein the first and second electrical switches are located on opposite sides of the plate, the plate being oriented such that the opposite sides are generally perpendicular to a portion of the mount that is configured to engage the handlebar.

16. (cancelled)

17. (currently amended) The control system of claim ~~16~~15, further comprising a third electrical switch disposed on the plate and being in communication with a cycle computer.

18. (original) The control system of claim 15, wherein the control system comprises two of the mounts being attached to the handlebar so that the front

Applicant: Valentino Campagnolo
Application No.: 10/632,777

derailleur and the rear derailleur are each controlled by a separate mount.

19. (cancelled)

20. (original) A motor driven derailleur control device mountable on a bicycle handlebar, the control device comprising:

a support body having a portion thereof configured for mounting on the bicycle handlebar, an interior cavity, and exterior walls;

a brake lever mounted to the support body for movement toward and away from the support body;

a support plate located within the interior cavity of the support body;

at least first and second electrical switches mounted on the support plate, each switch being operatively connected to a motor driven derailleur;

a gear change selector mounted beneath the brake lever and in communication with a selected one of the first and second electrical switches, wherein the gear change selector engages the selected one of the first and second electrical switches to activate a first gear ratio change; and

a gear change switch located on the exterior walls of the support body and in communication with another one of the first and second electrical switches, wherein the gear change switch engages the another one of the first and second electrical

Applicant: Valentino Campagnolo